



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Monday October 11, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)

# Summary of the Upcoming Week



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- **Isolated severe weather will be possible across AR today with severe weather more likely across the E TX Panhandle and OK on Tuesday.**
- **Elevated fire weather conditions on Tuesday across NE & SE NM/W TX/W OK Panhandle.**
- **Strong winds are likely across S NM and Far West Texas on Tuesday.**
- **Heavy rainfall and flooding will be possible Tuesday through Thursday across parts of TX/OK/AR.**

# FEMA Region 6 Threat Matrix

Oct 11, 2021 - Oct 15, 2021



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms	E AR	NETX Panhandle/ NW OK			
		ETX Panhandle/OK			
Heavy Rain / Flash Flooding		OK/NW TX	TX/SE OK/W AR	TX/SE OK/AR	
Fire Weather		NE & SE NM/W TX W OK Panhandle			
Strong Winds		S NM/Far West TX			
Tropical Winds / Surge					
River Flooding	SW LA,AR	SW LA,AR	SW LA,AR	SW LA,AR	SW LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



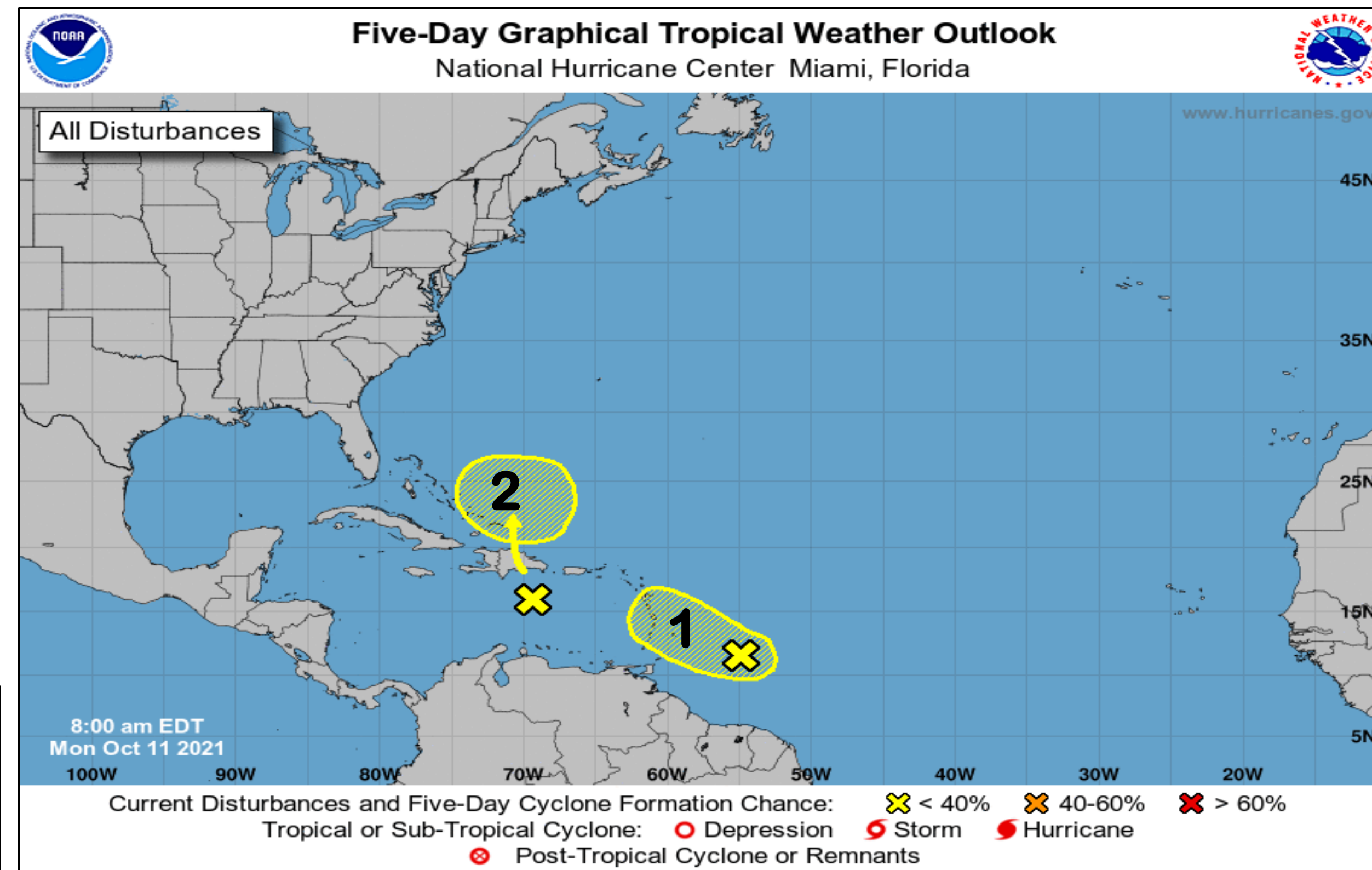
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.
2	Low	None.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



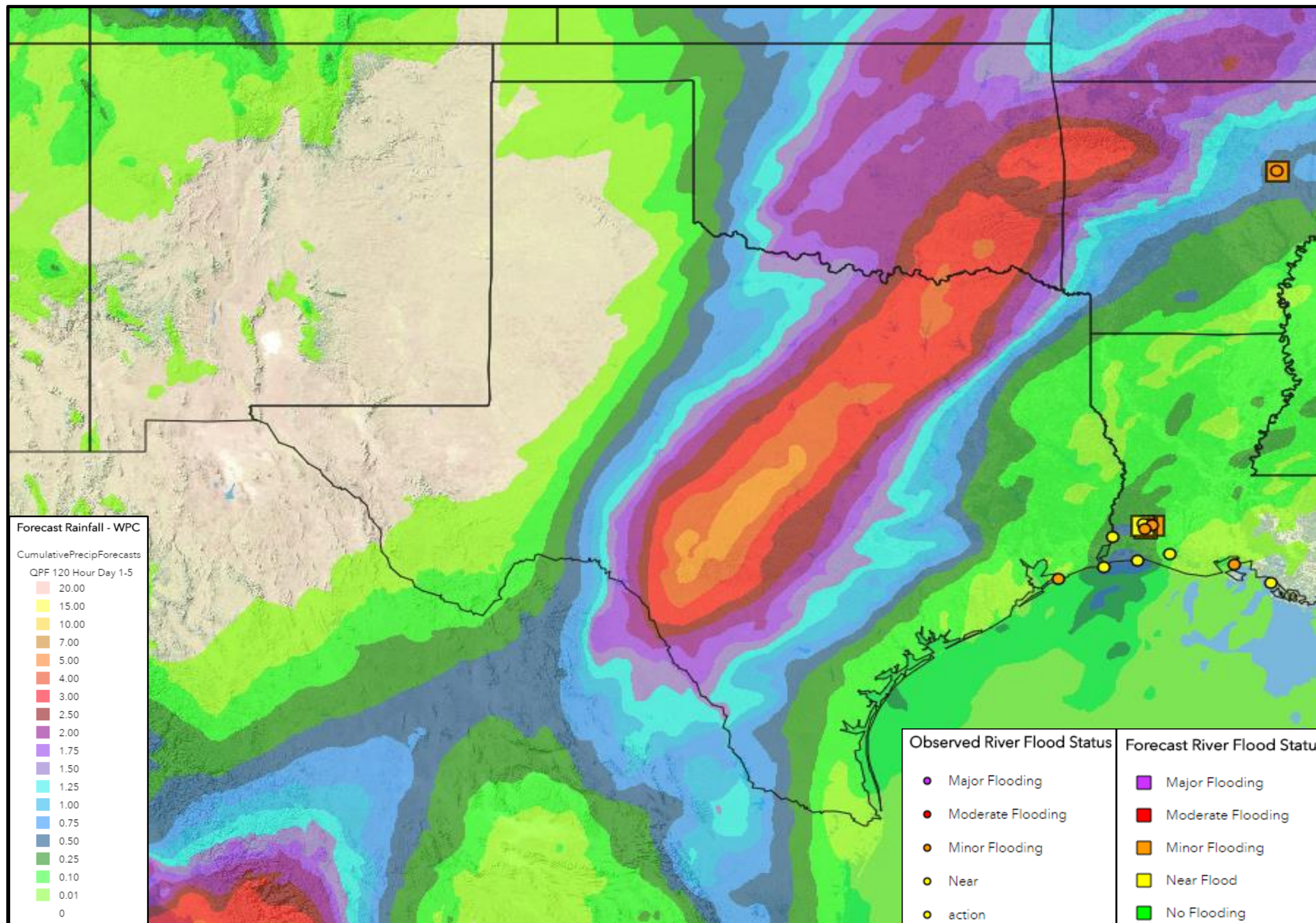


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



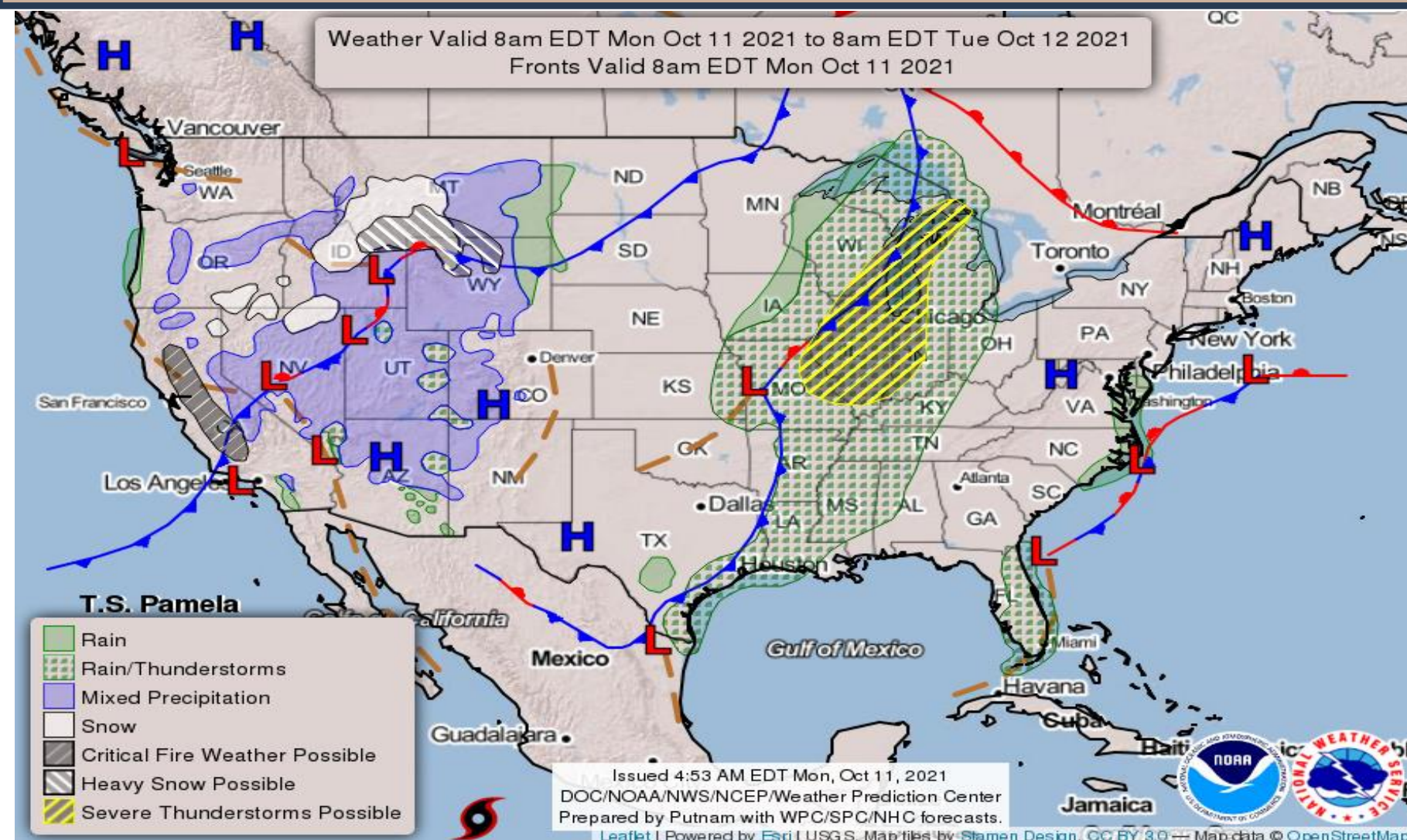
**The Calcasieu River near White Oak Park and Saltwater Barrier (LA) are in minor flood. Minor marshland and road flooding may occur.**

**The Cache River at Patterson (AR) is in minor flood stage. Minor flooding of some pastureland, cropland, and roads/highways.**

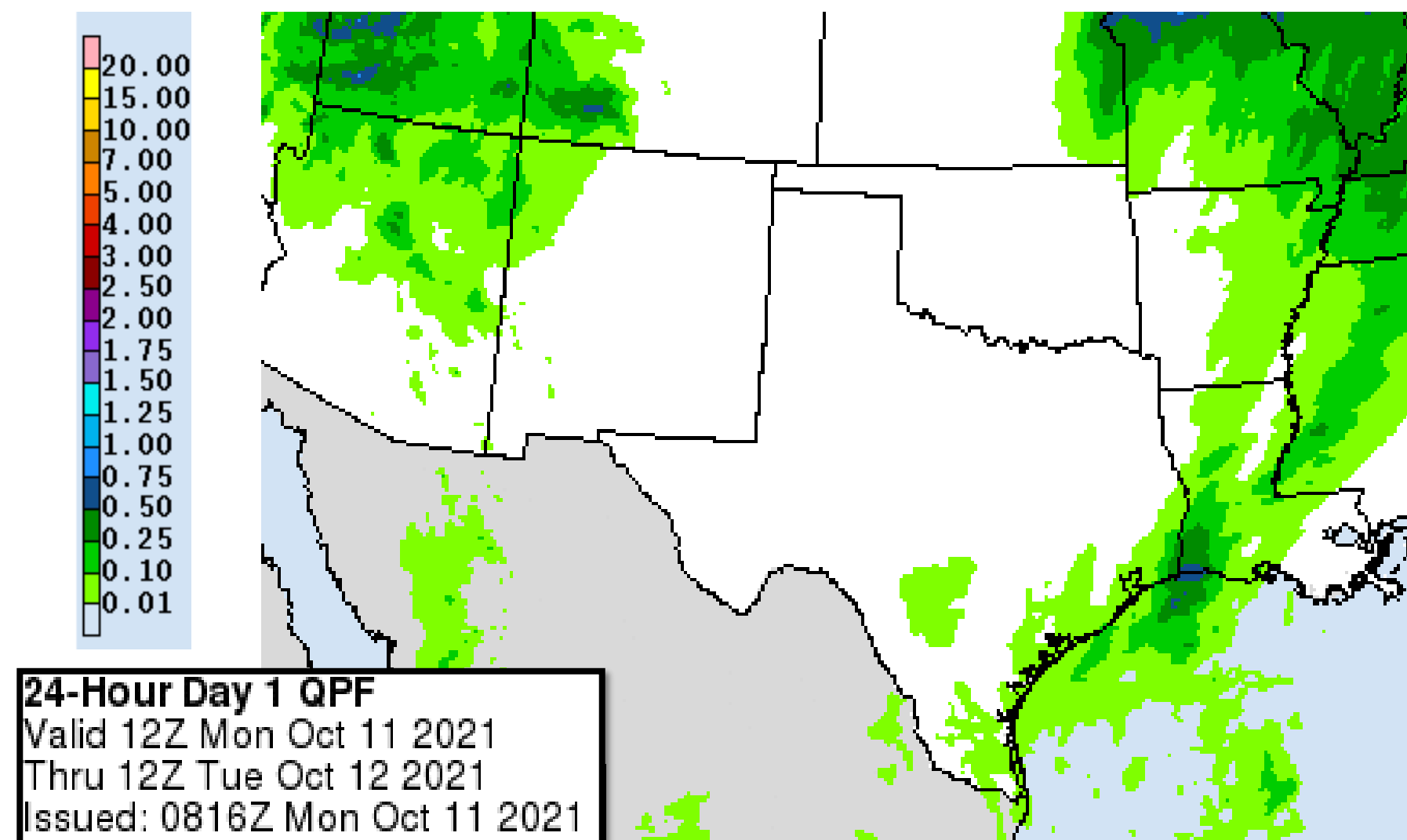


# Today's Weather

## Forecast Chart

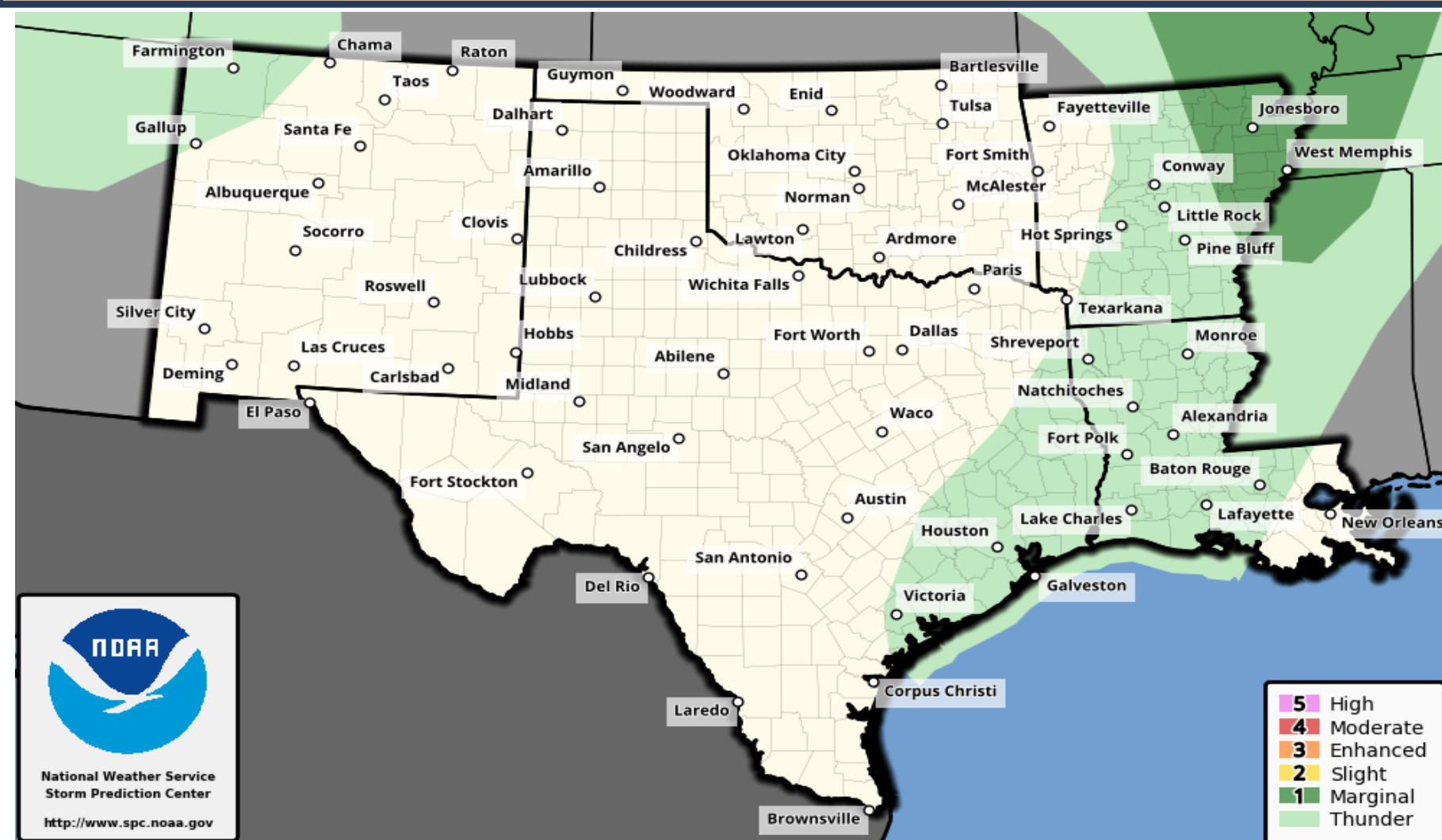


## Forecast Rainfall

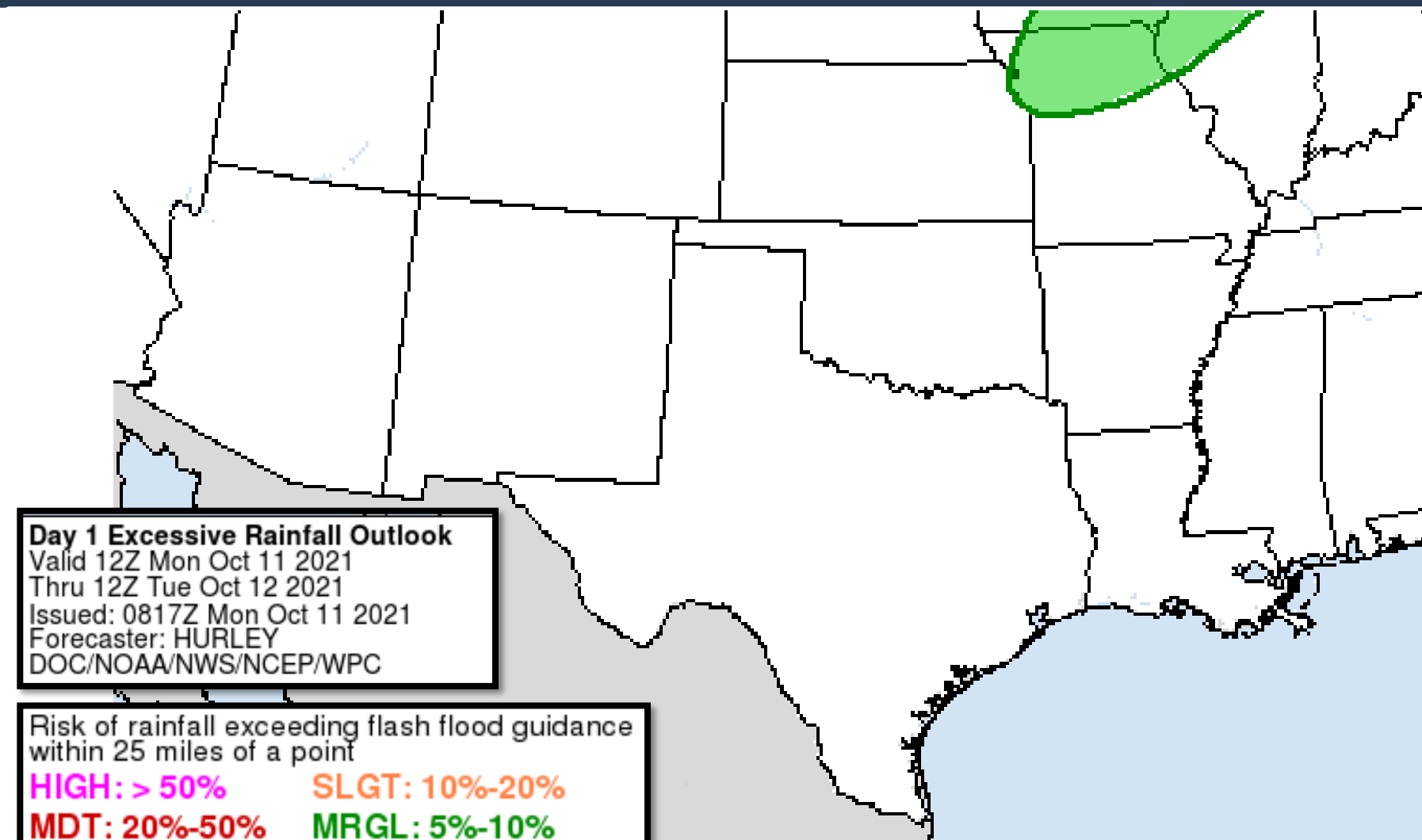


Isolated severe storms across E AR. Isolated damaging winds and isolated large hail are the main threats.

## Severe Weather Outlook



## Excessive Rainfall Outlook

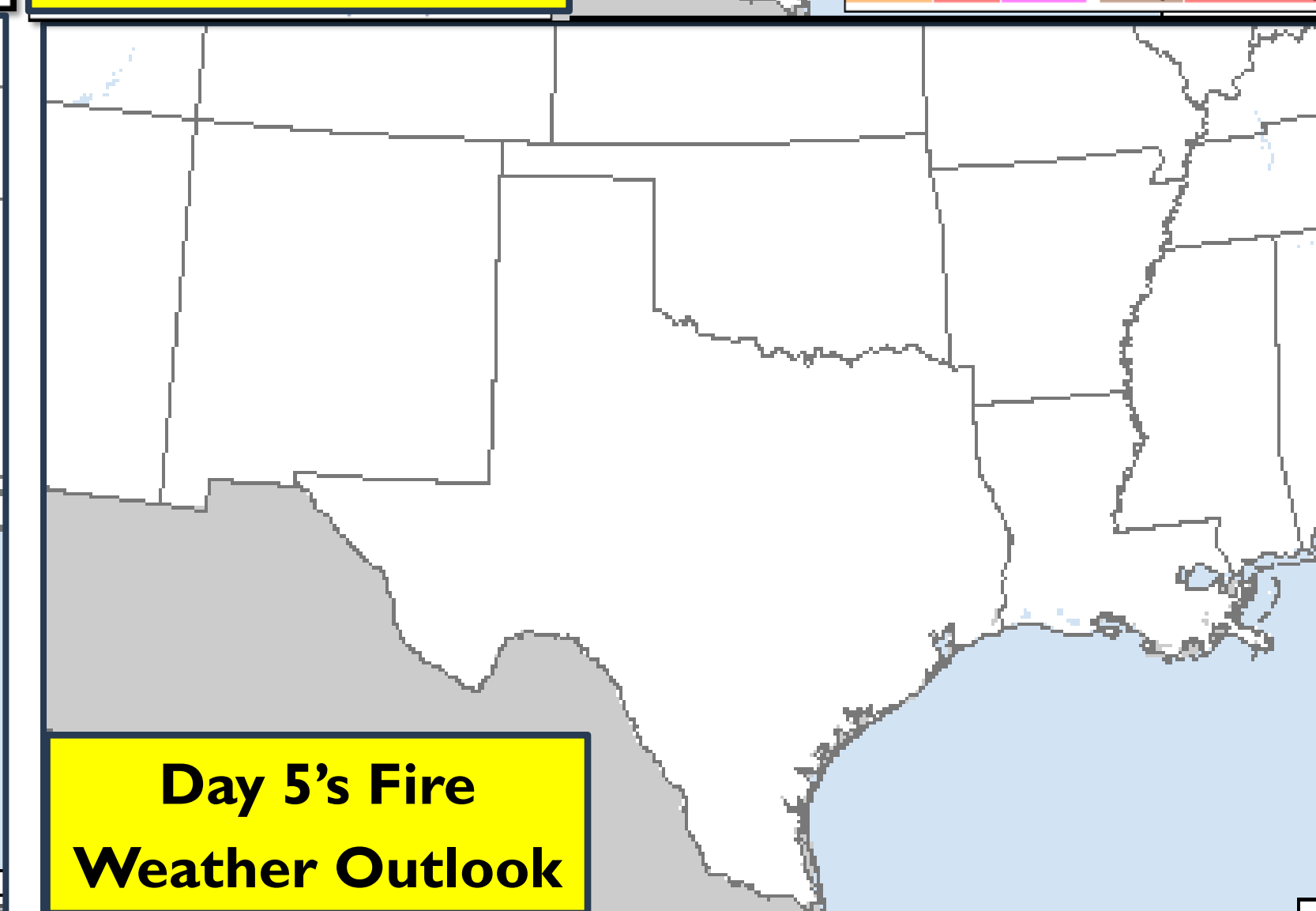
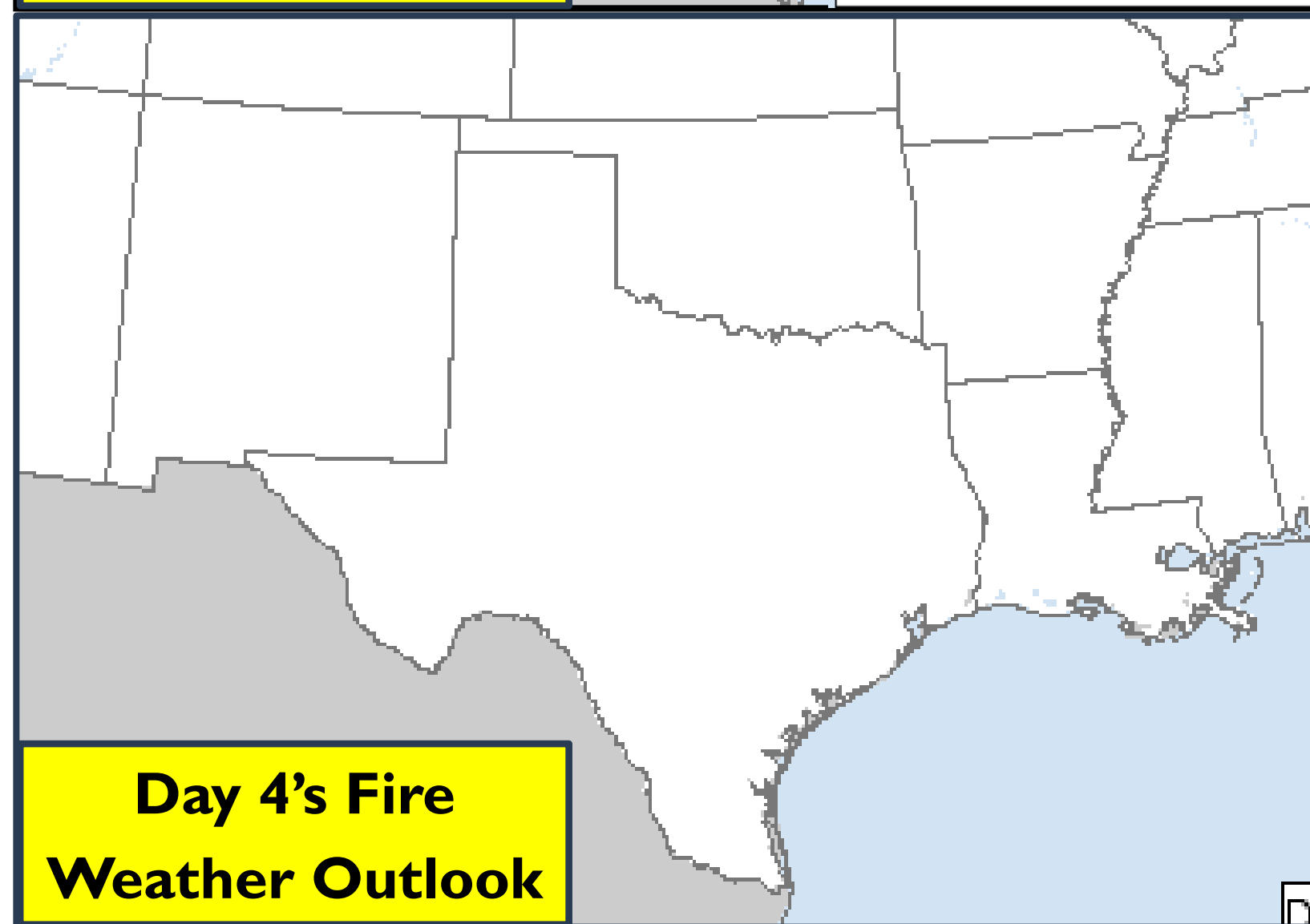
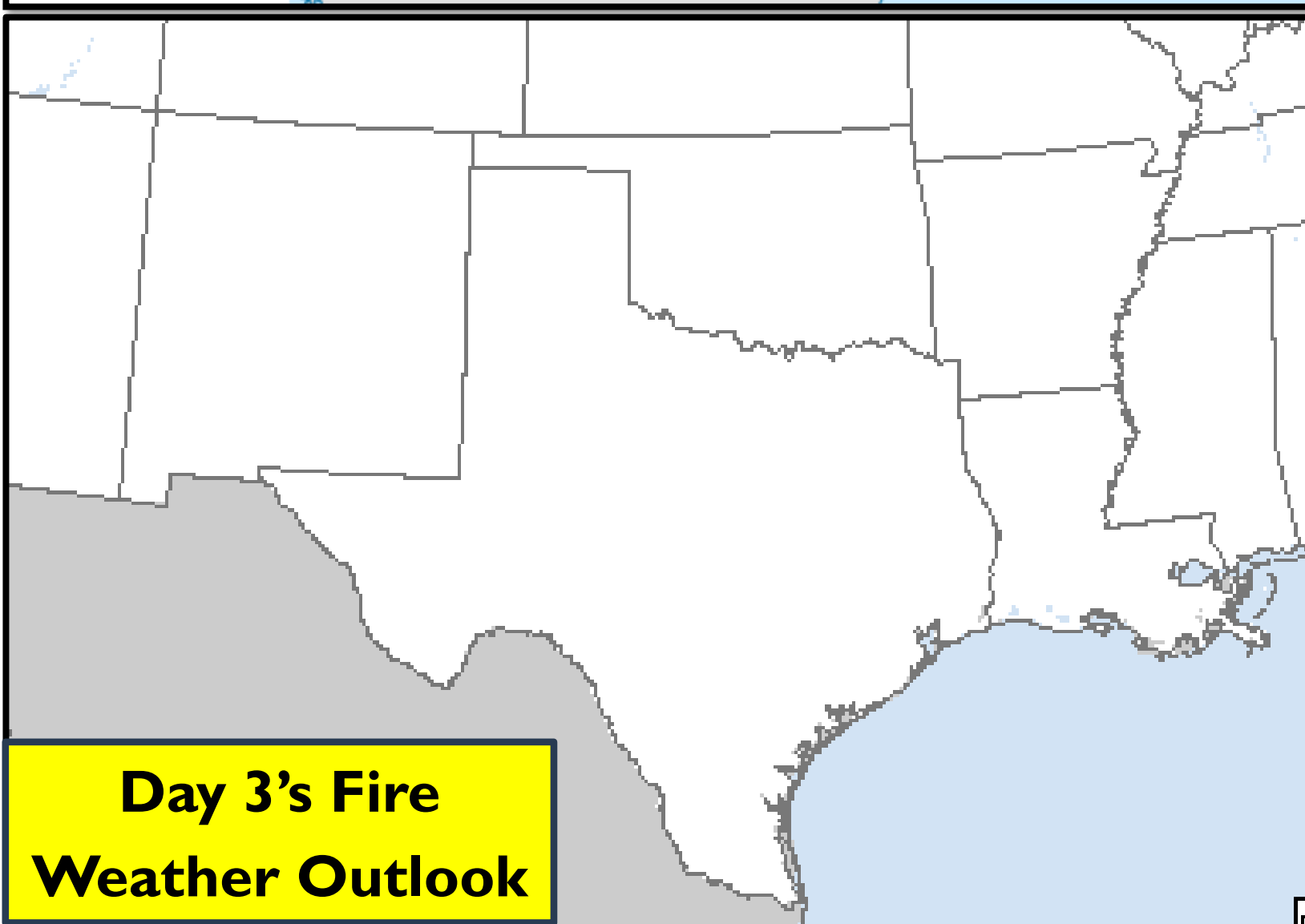
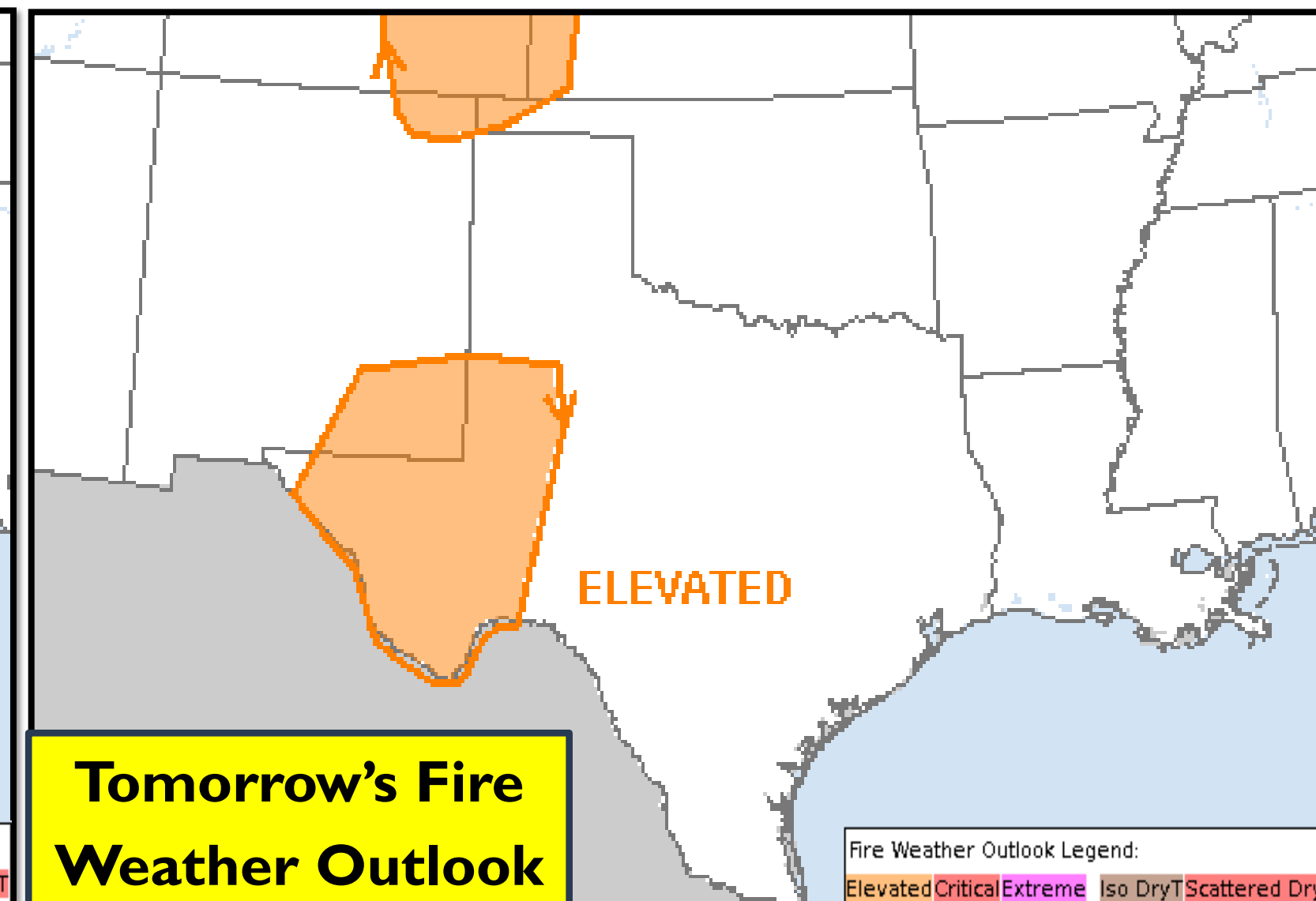
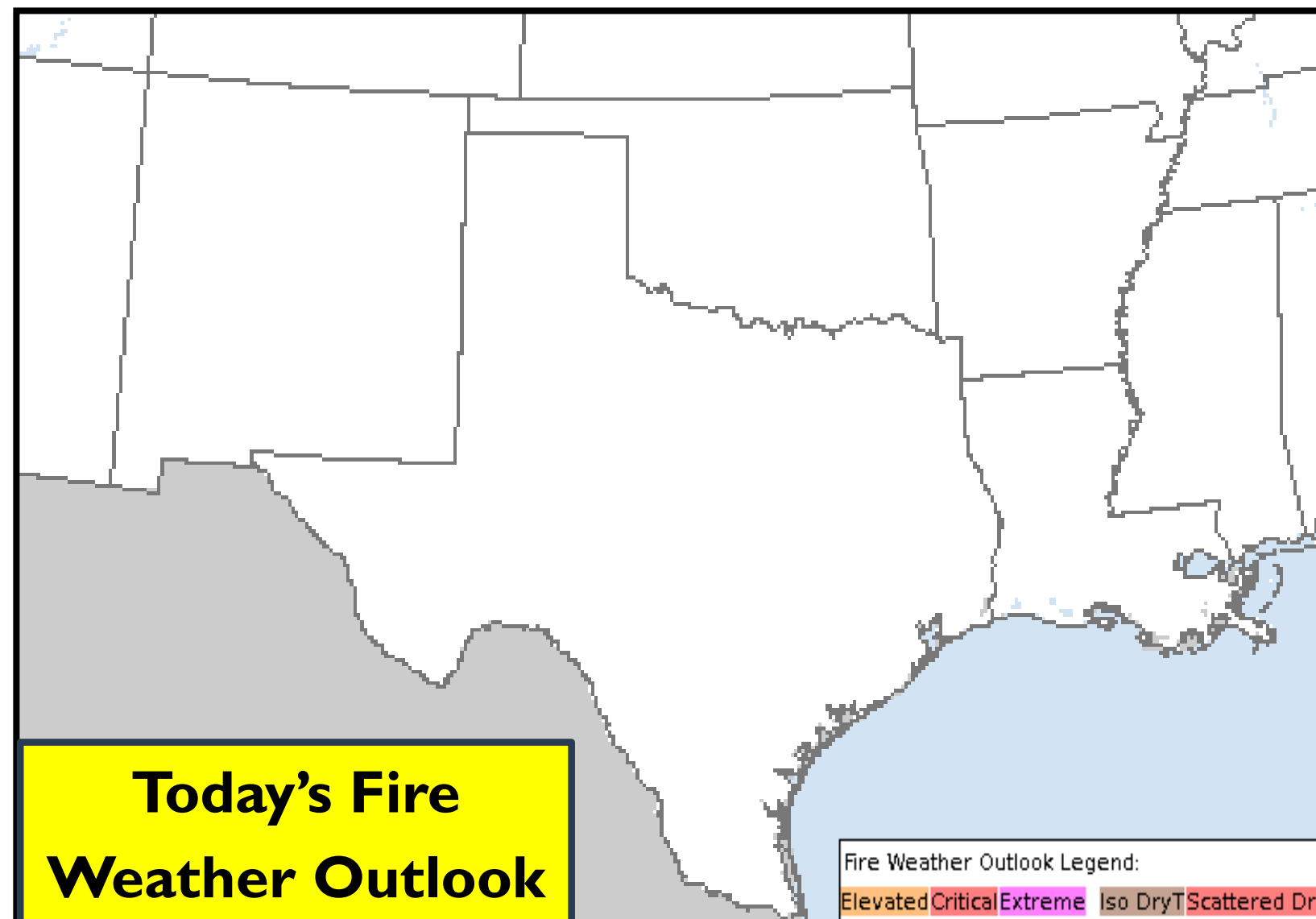
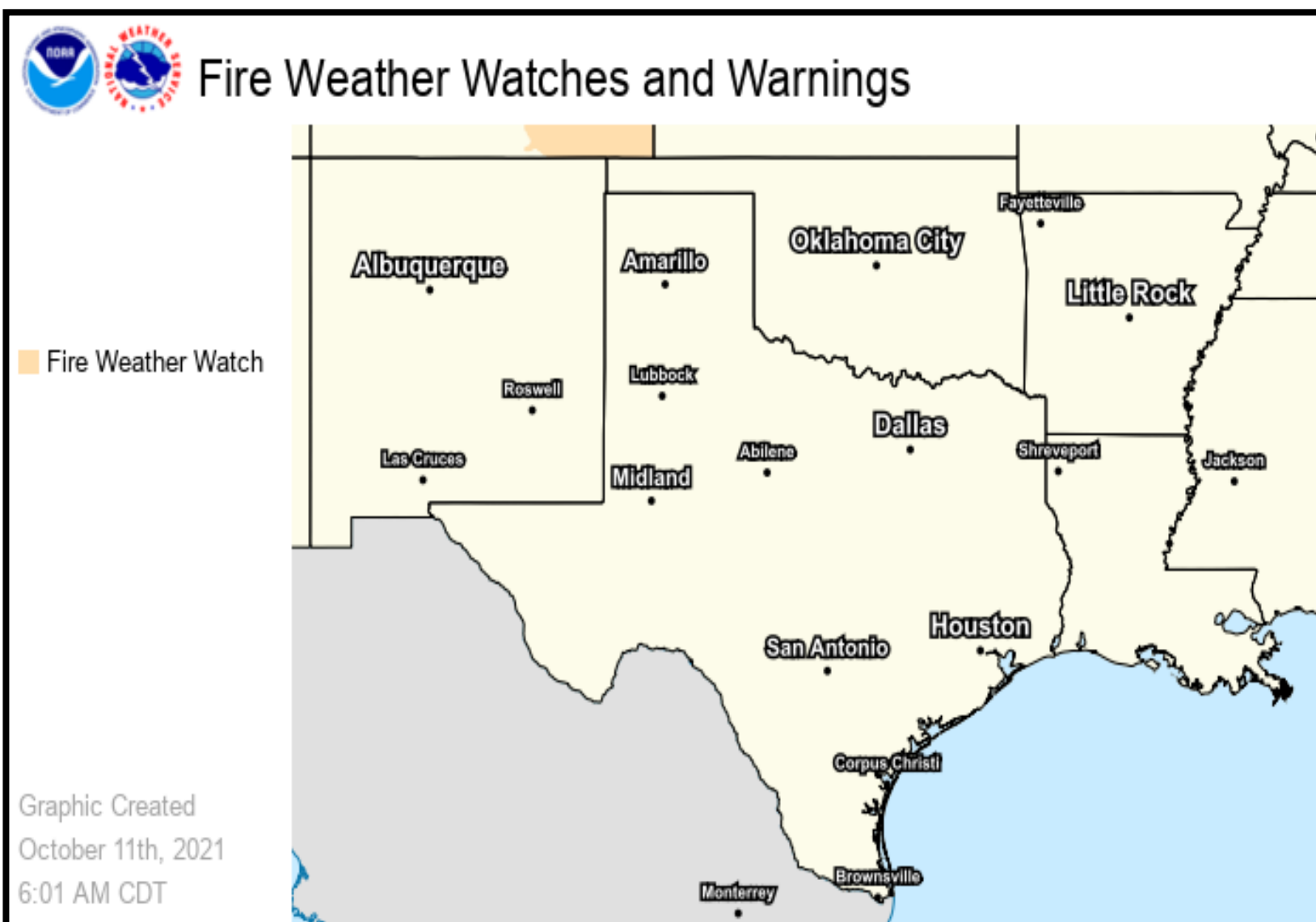




# Fire Weather Outlooks



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10/11/2021 7:21 AM

**Note: Days 3-5 only highlight Critical areas**

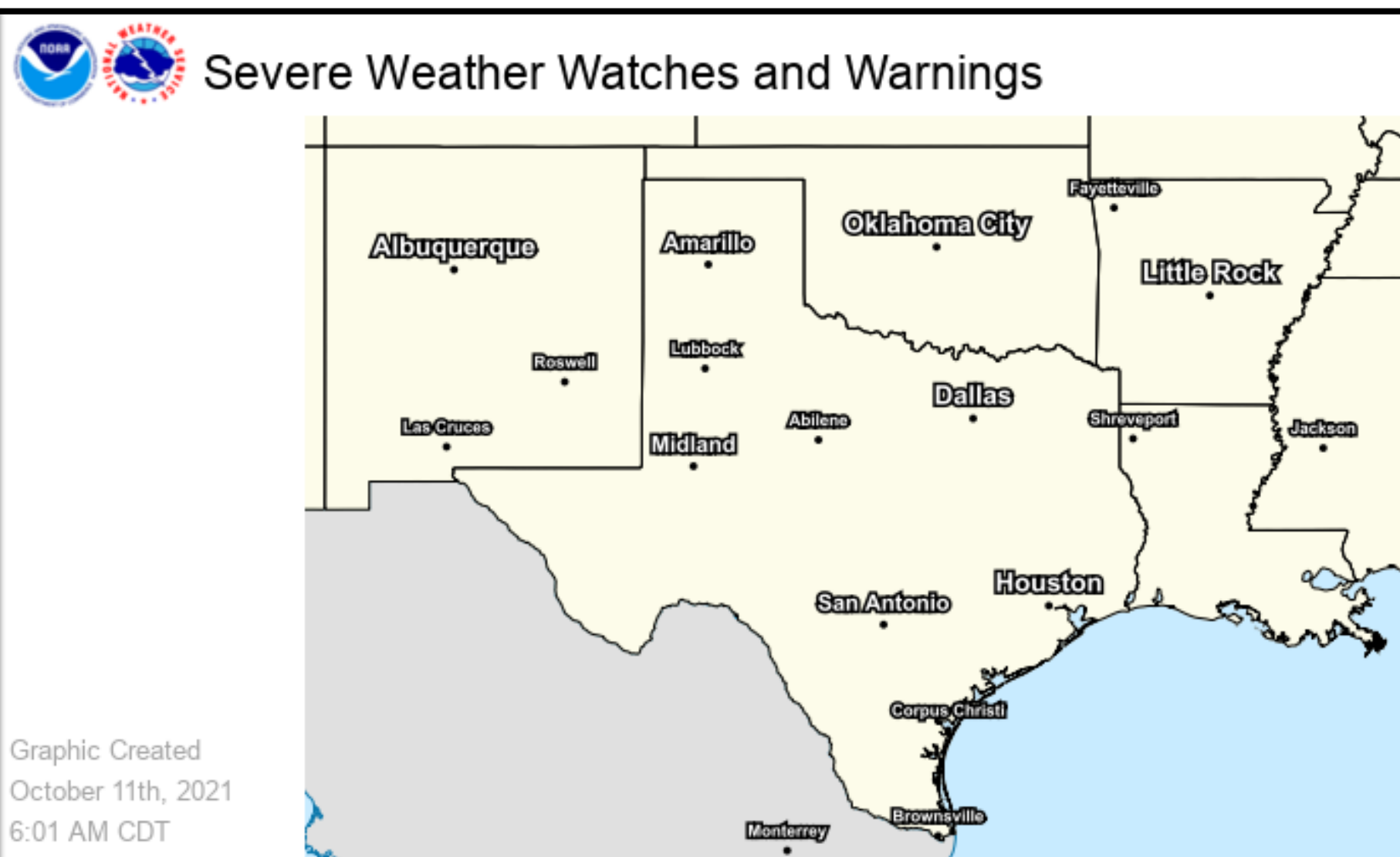
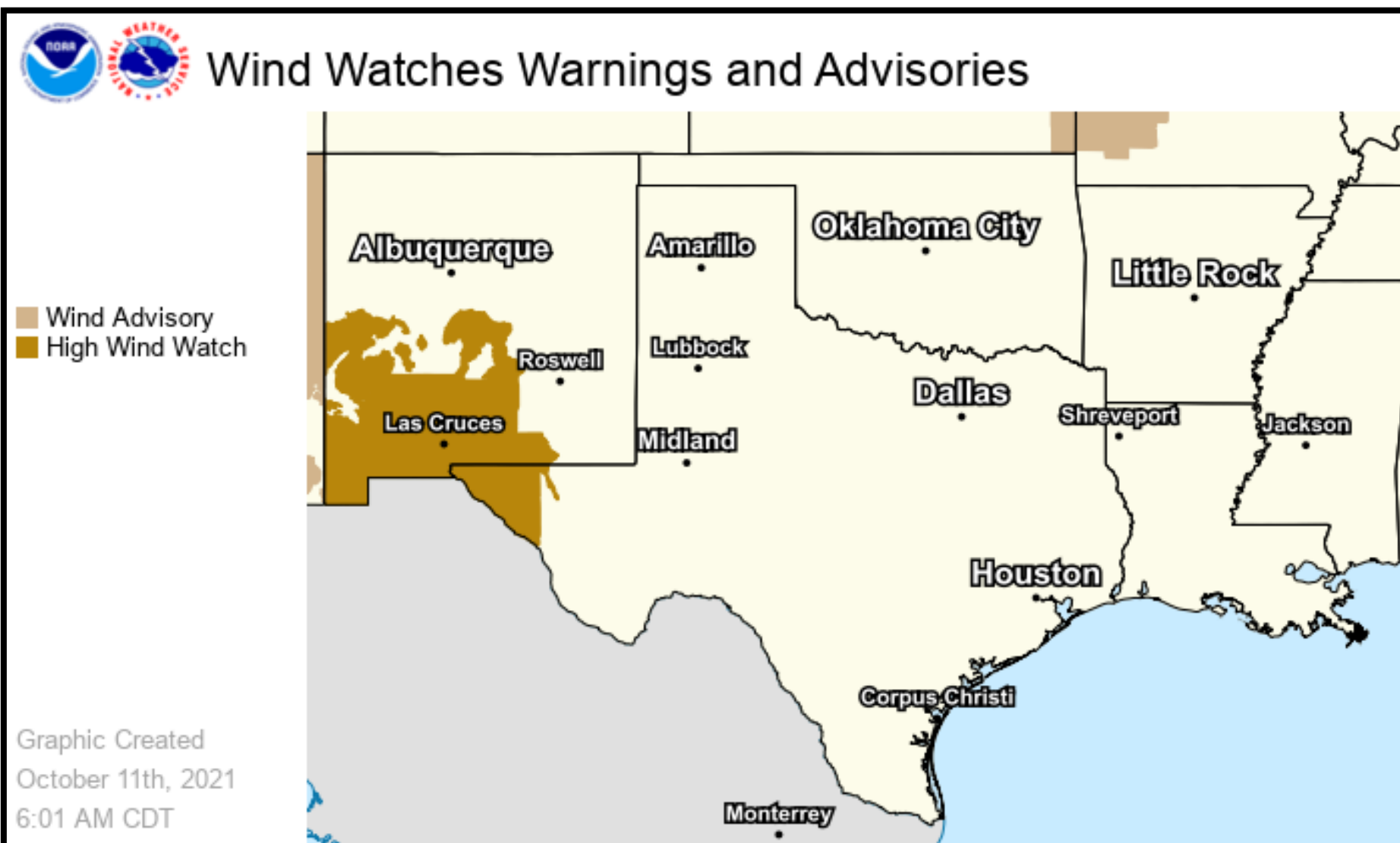
[www.weather.gov/srh](http://www.weather.gov/srh)

# Watches, Warnings, and Advisories

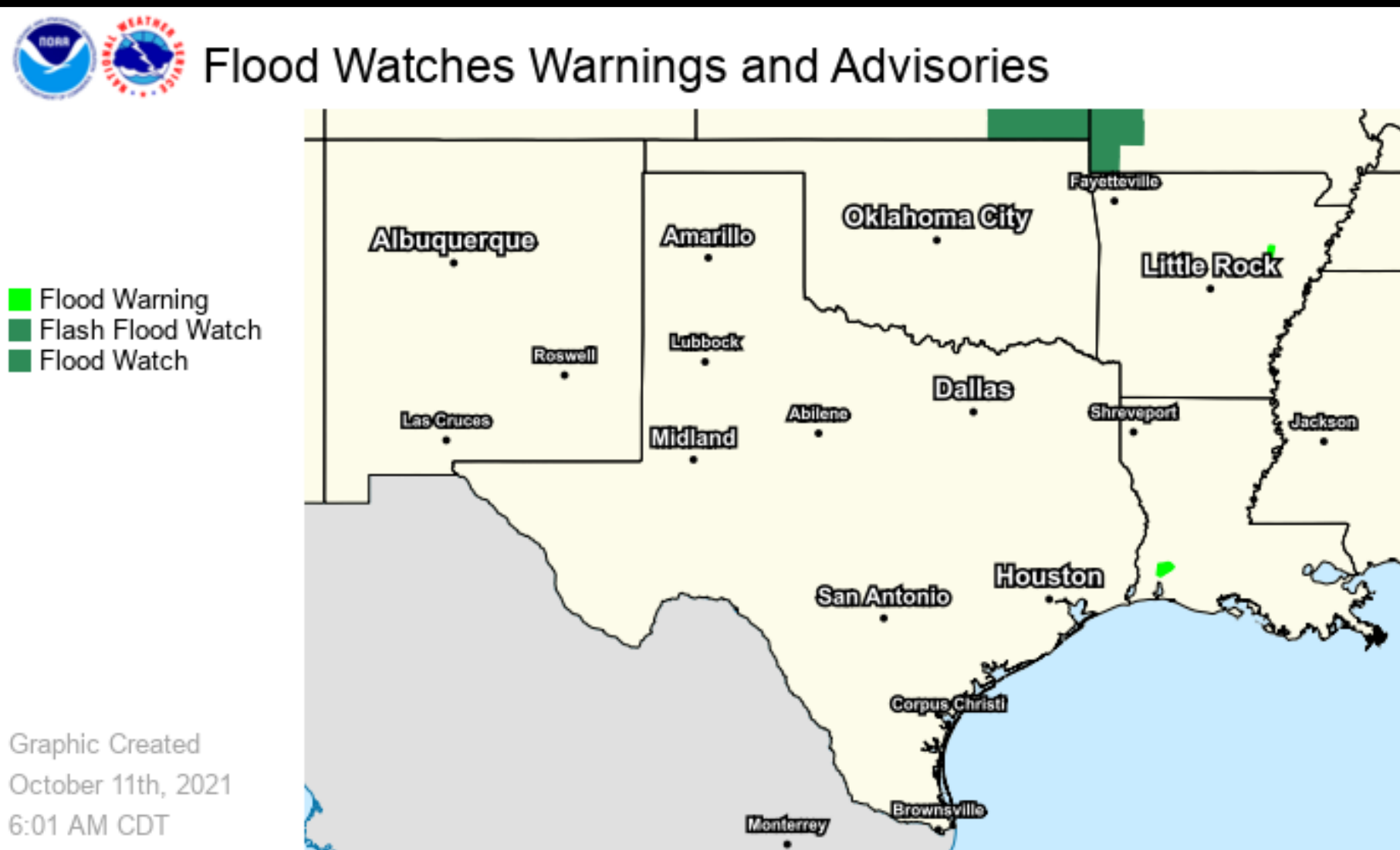
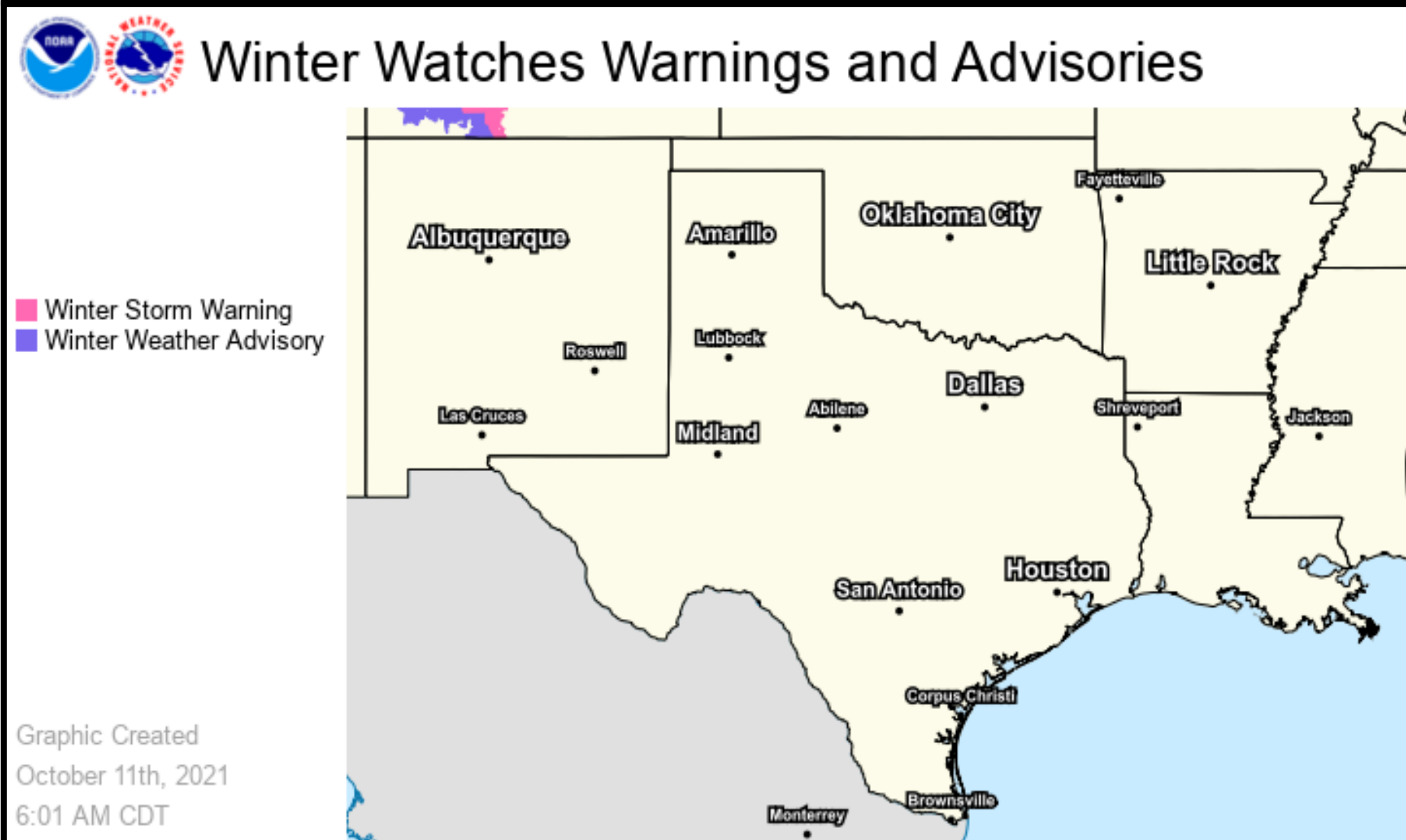
Wind, Severe, Winter, and Flood Hazards



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**High Wind Watches in effect for Tuesday across S NM and Far West TX. Southwest winds 30 to 40 mph with gusts up to 60 mph possible.**



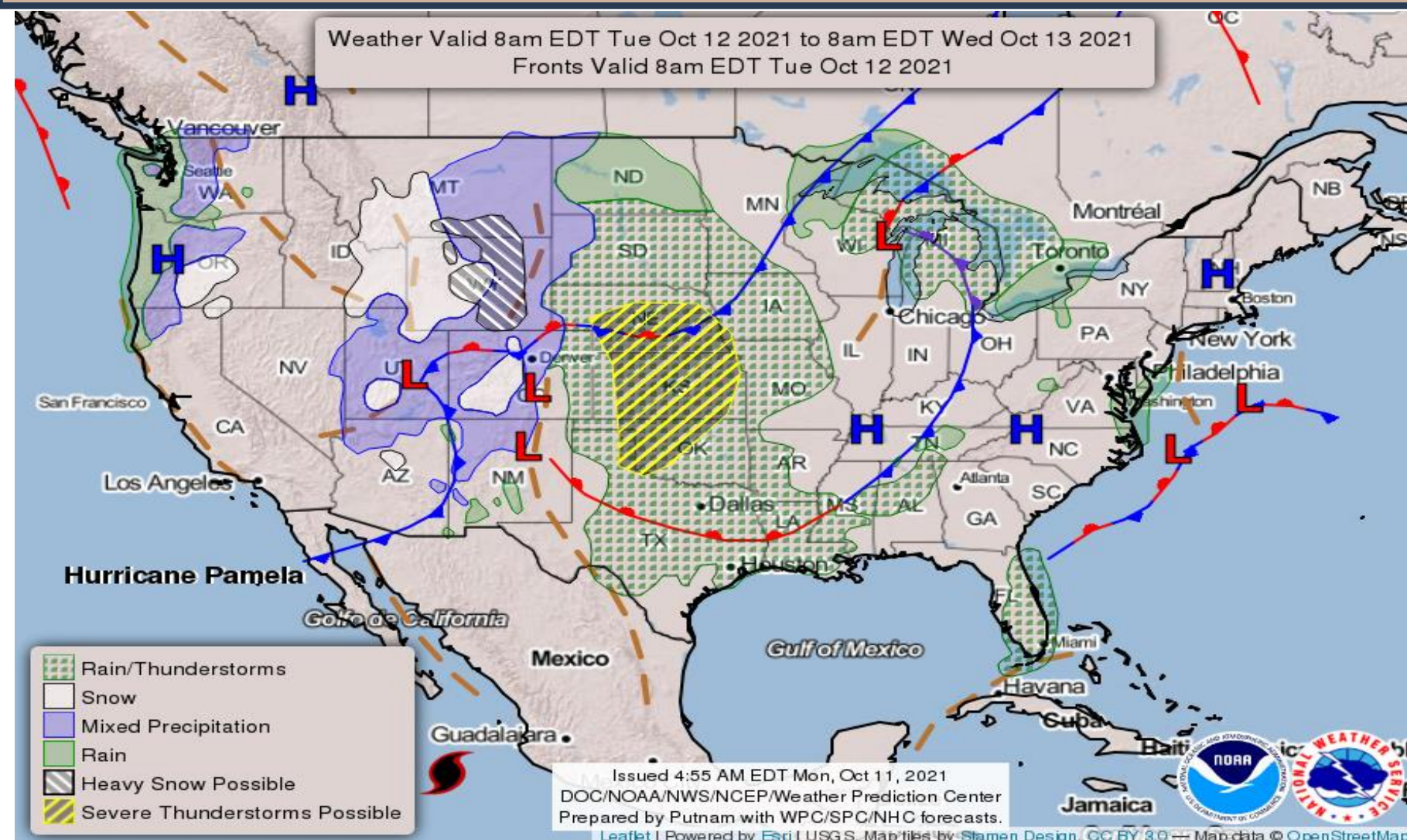


# Tomorrow's Weather

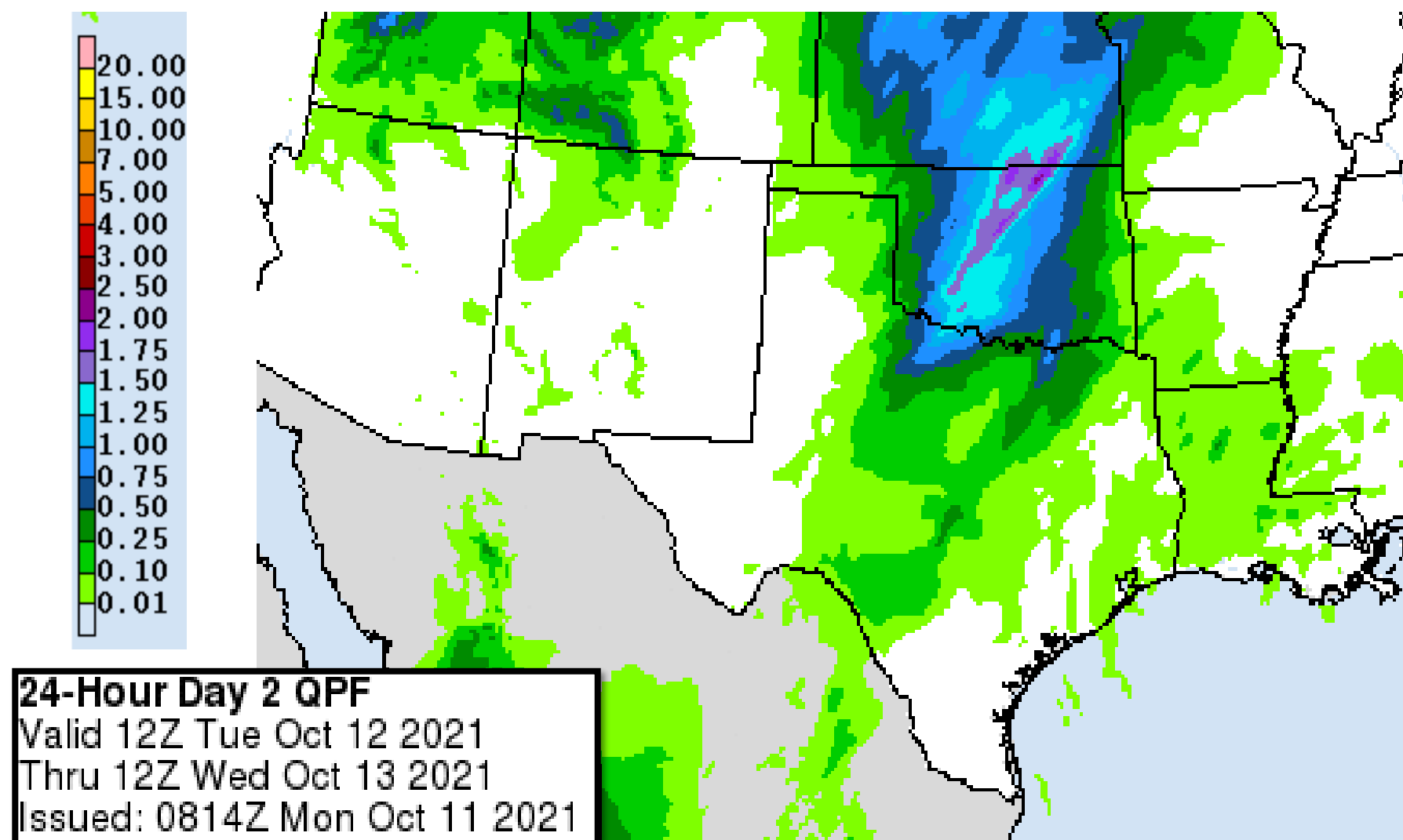


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## Forecast Chart



## Forecast Rainfall

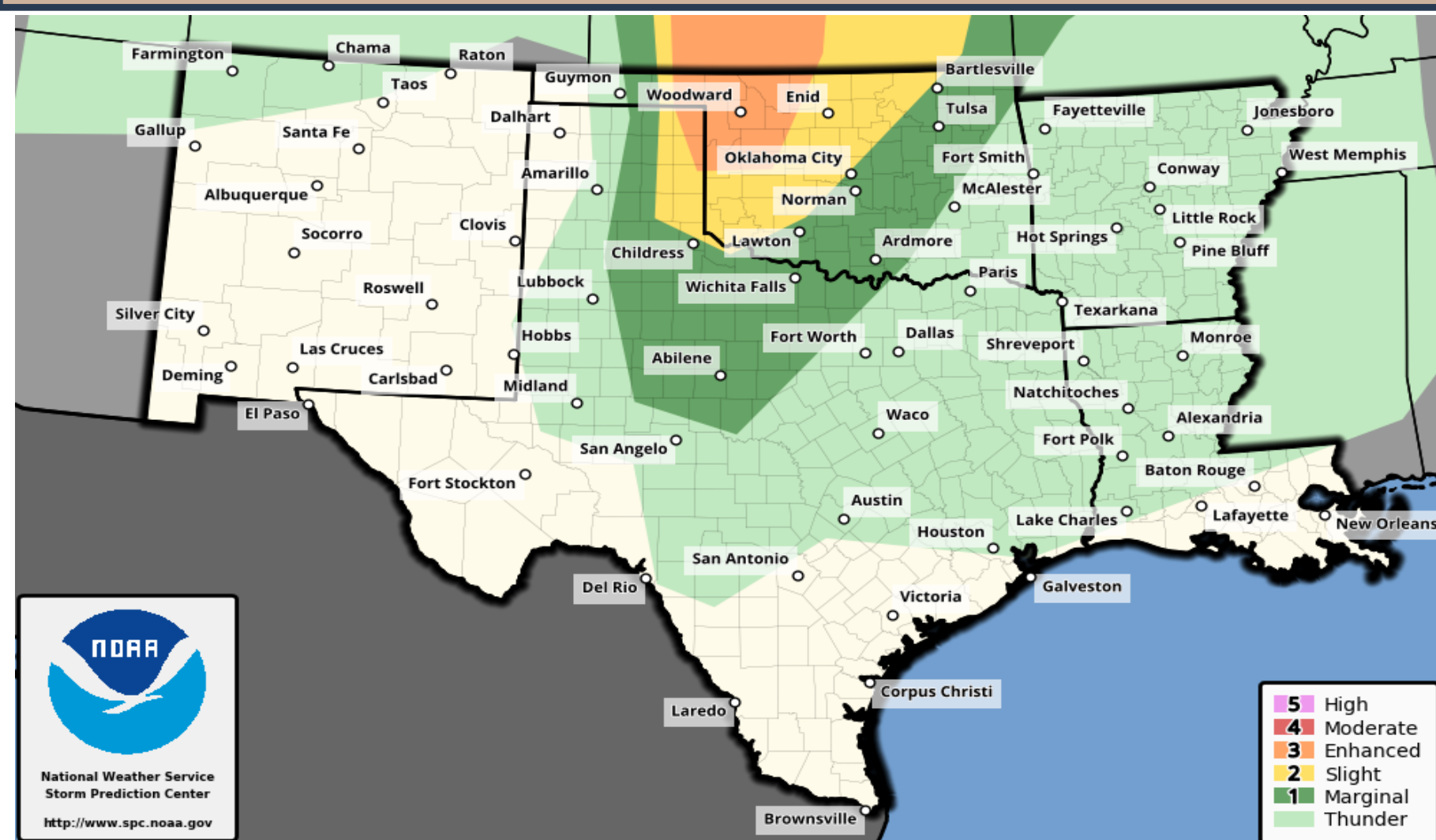


Enhanced risk of severe storms across NETX Panhandle/NW OK. Threats include large hail, damaging winds, and a few tornadoes.

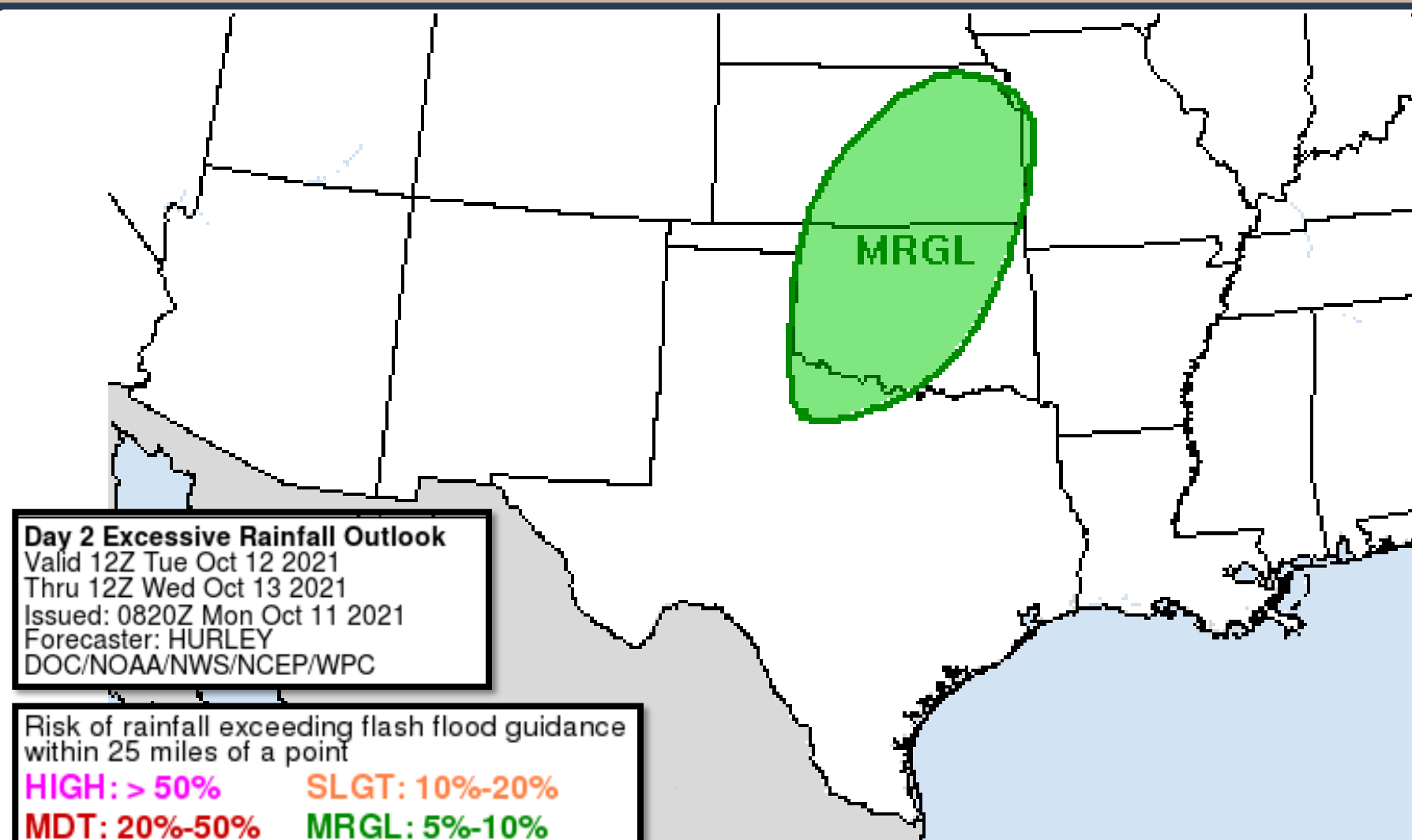
Slight risk of severe storms across the E TX Panhandle and OK.

Isolated heavy rainfall and flash flooding possible across OK and NW TX.

## Severe Weather Outlook



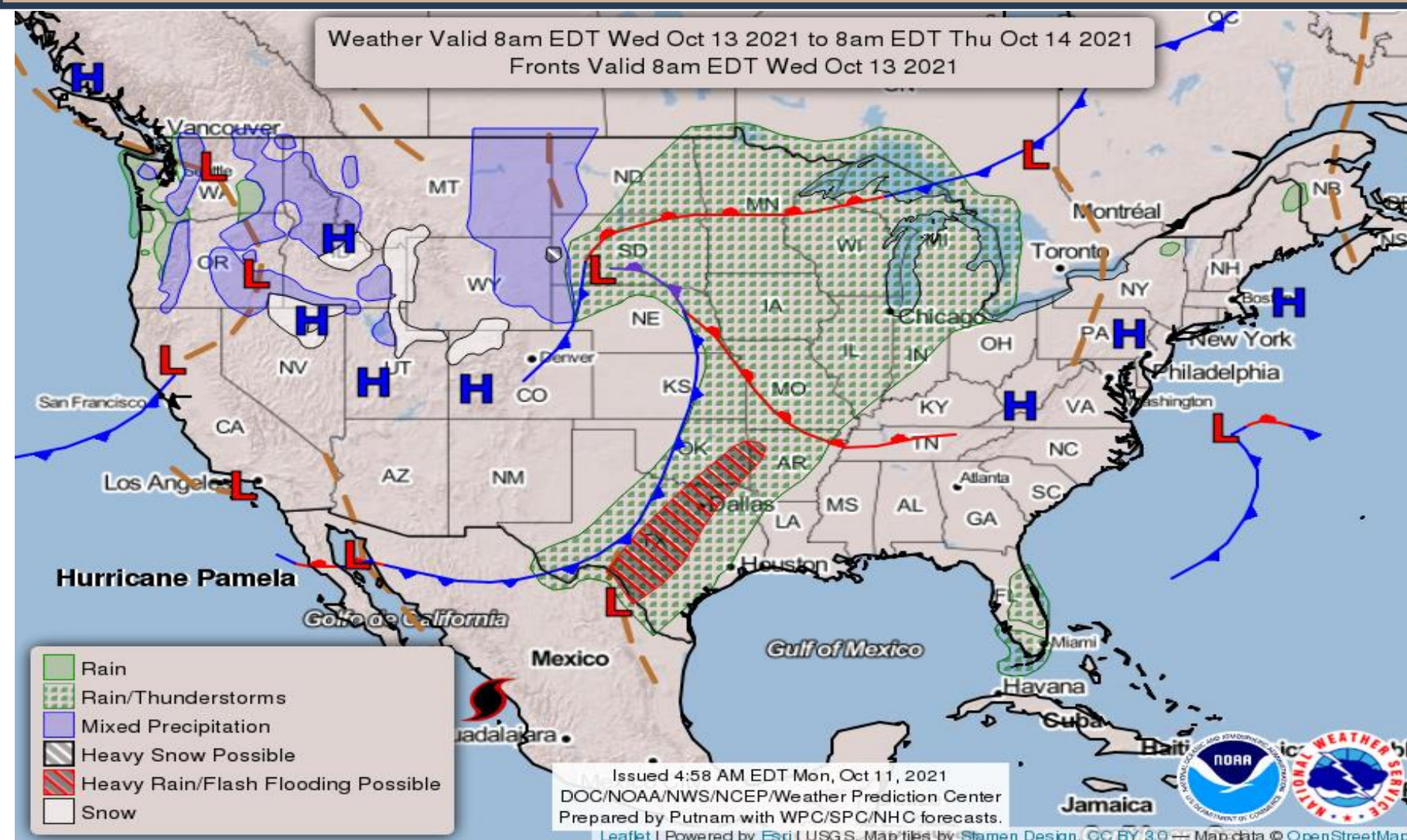
## Excessive Rainfall Outlook



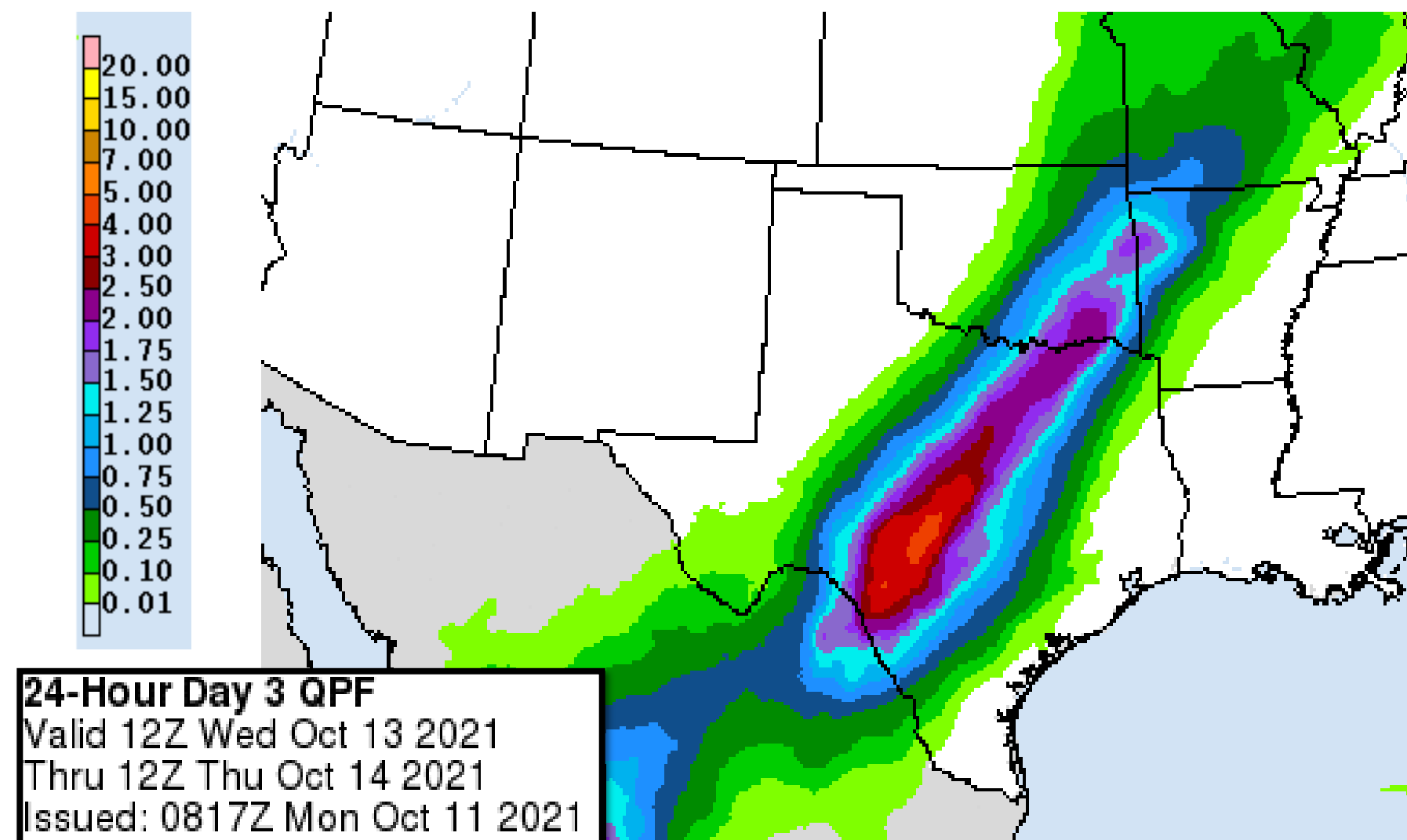


# Wednesday's Weather

## Forecast Chart

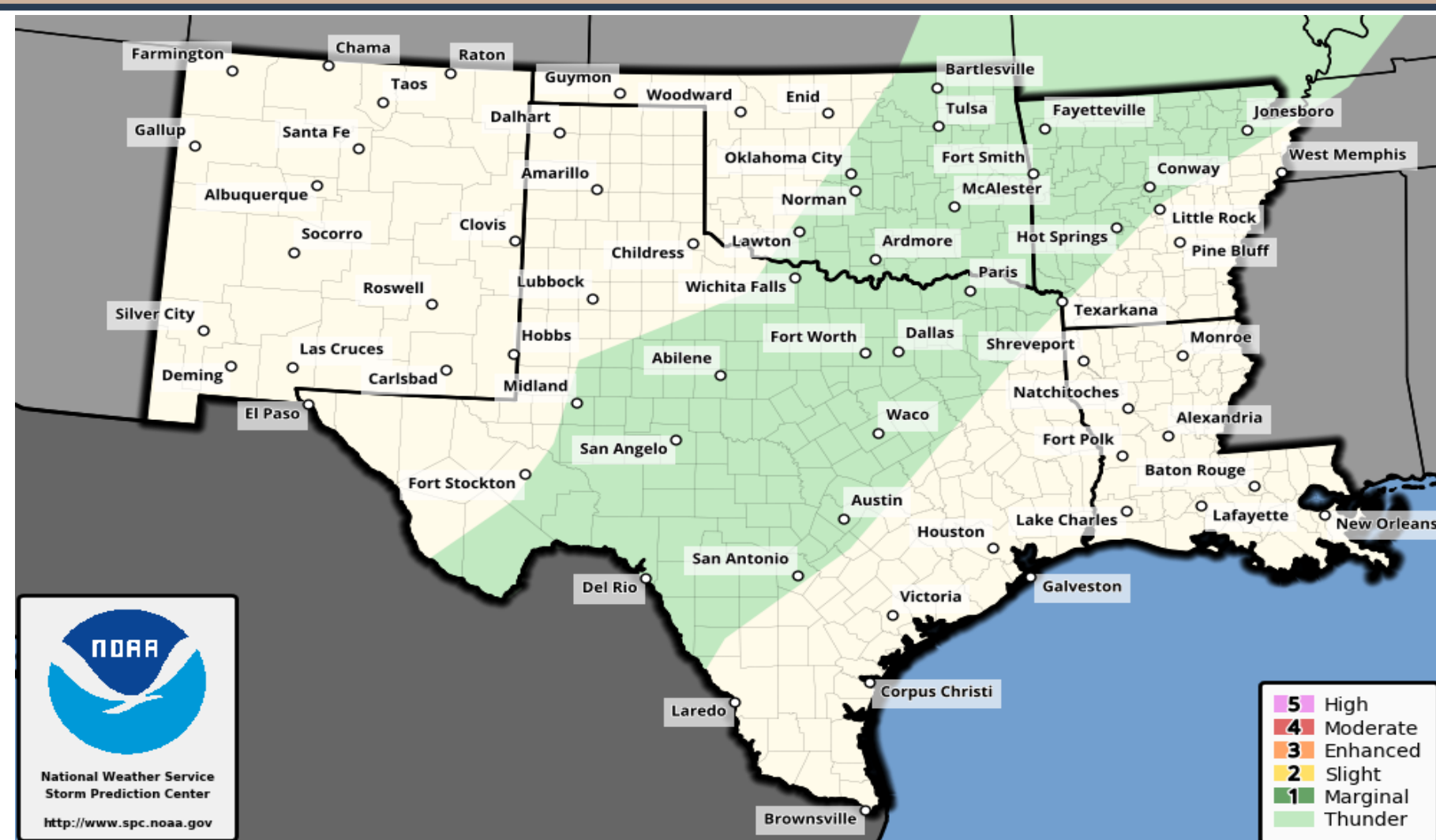


## Forecast Rainfall

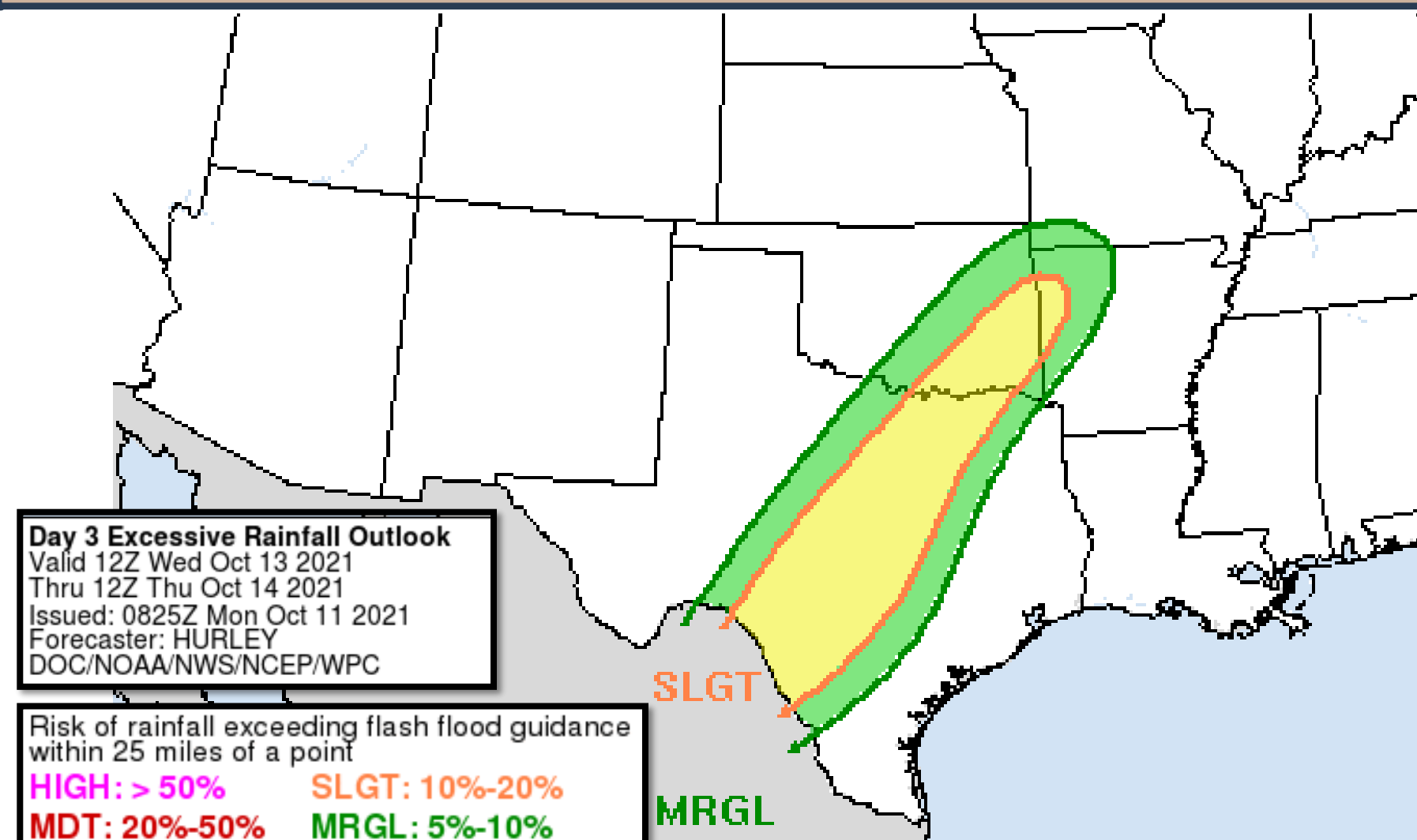


**Scattered heavy rainfall and flash flooding possible across TX, SE OK, and W AR.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





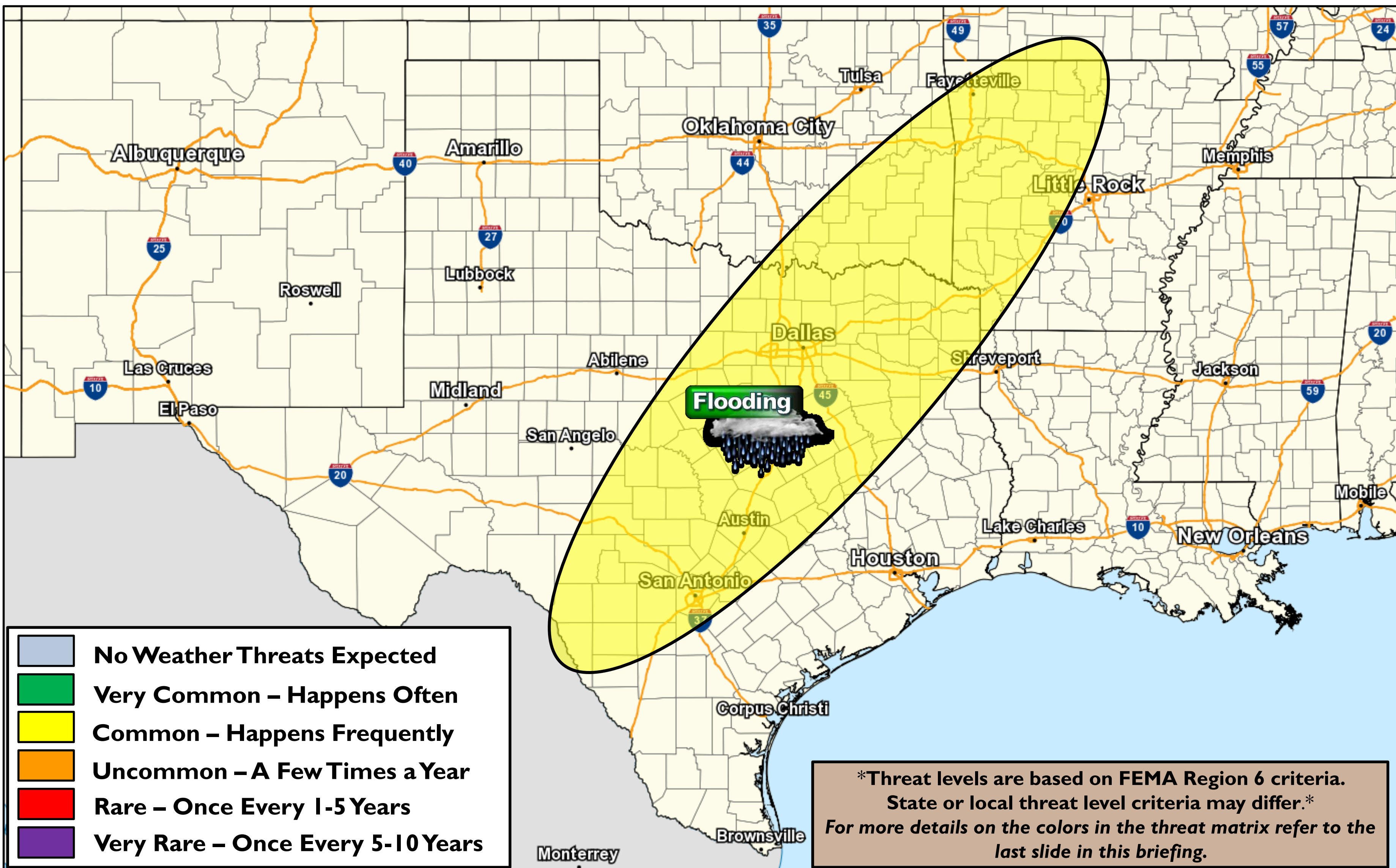
# Days 4-5 Weather Hazards

Thursday - Friday



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**Threat of heavy rainfall and flooding will continue on Thursday across portions of TX, SE OK, and AR.**



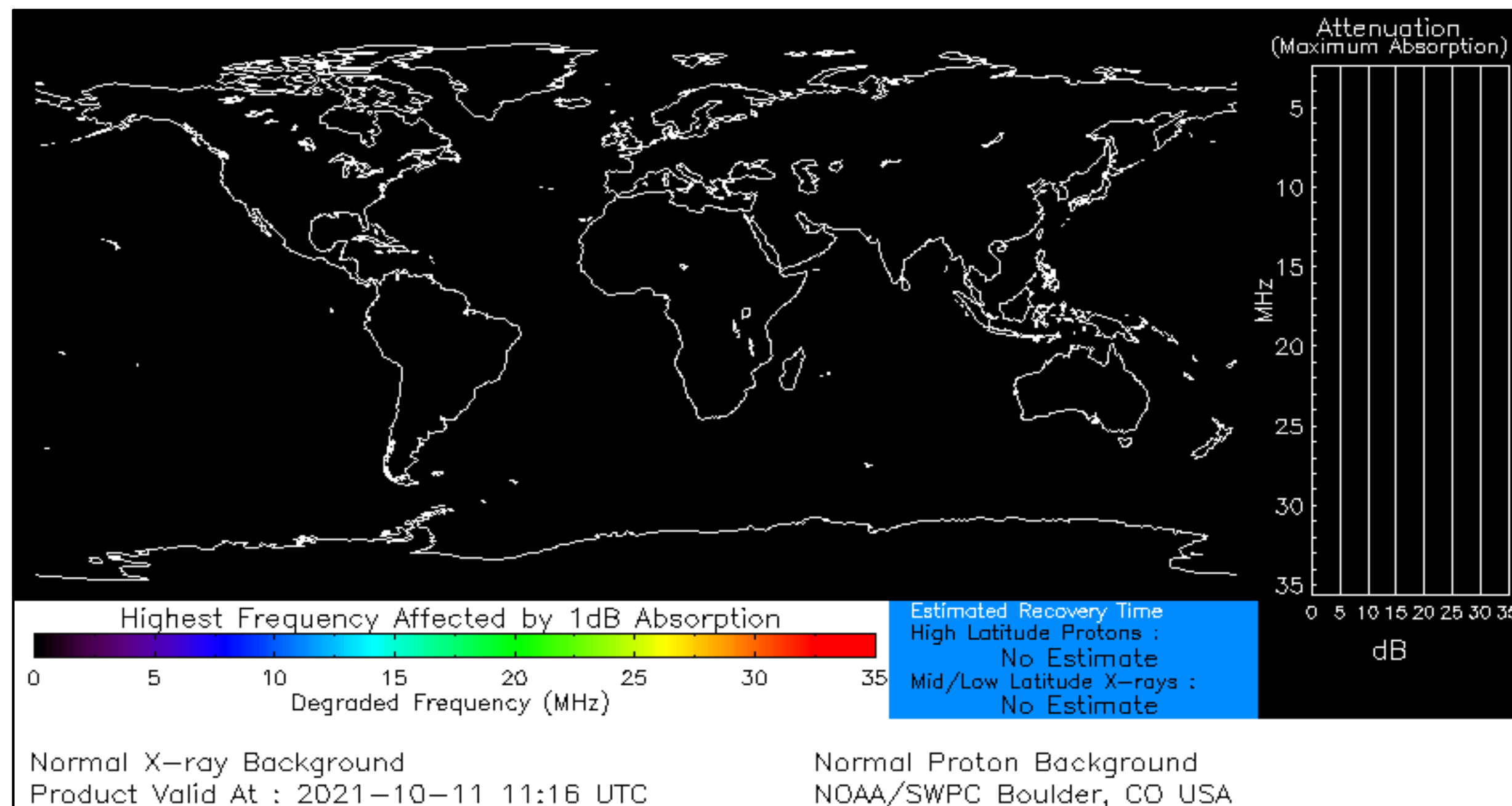


# Space Weather 3-Day Forecast



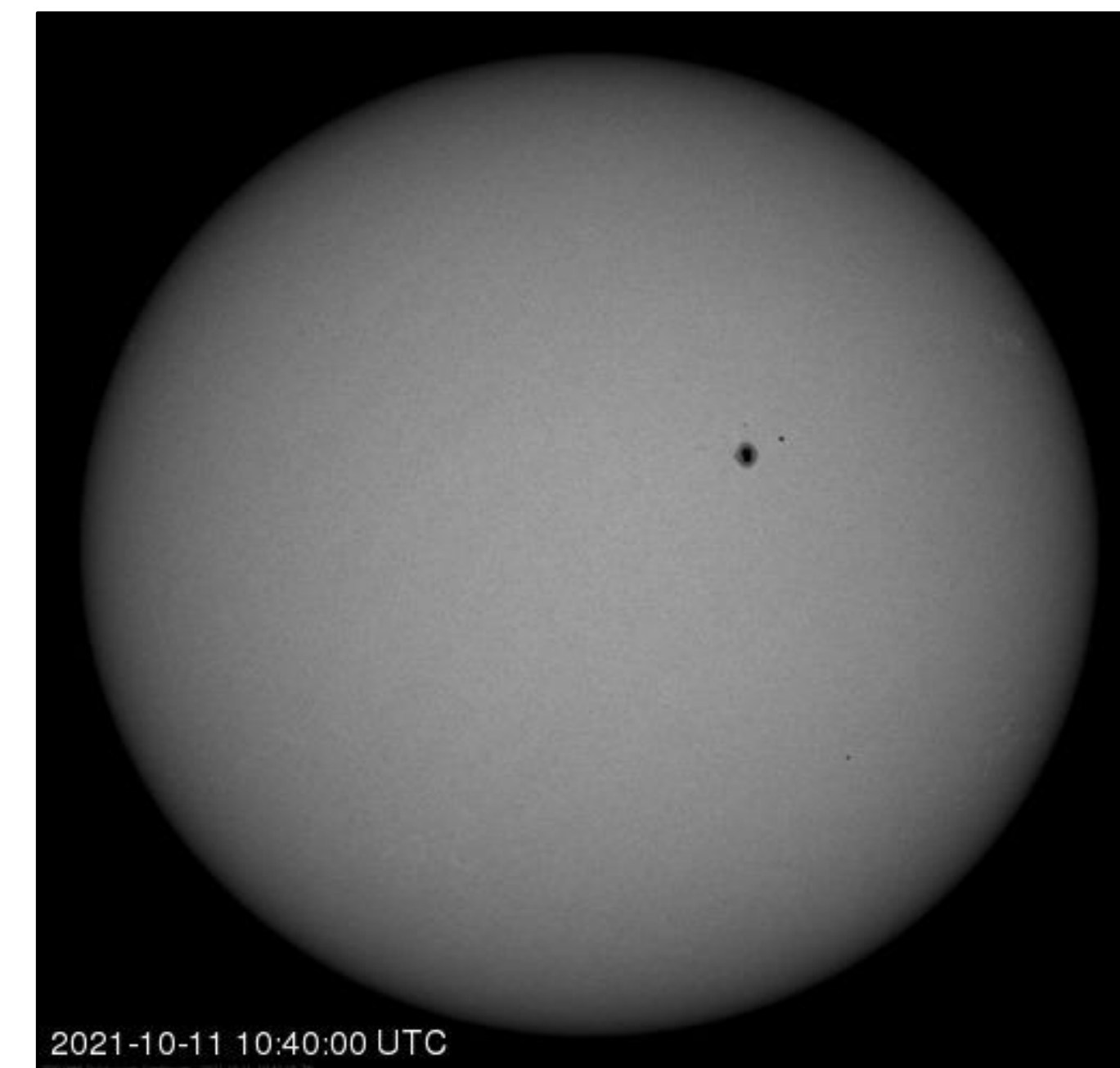
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Moderate G2 Storm (Max Kp = 6)	Minor G1 Storm (Max Kp = 5)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**